

User Instructions for the Portable Suction



7305 Series DeVilbiss Suction Unit

With Disposable Container and Internal Filter Cartridge

1. 43/8" connection tubing
 2. Vacuum gauge
 3. Vacuum regulator knob
 4. DC power input (on side)
 5. Power switch
 6. Splash guard
 7. Collection container
 8. Lid
 9. Patient tubing
 10. Filter cartridge
- AC to DC Adapter (not shown)
DC power cord (not shown) optional
Internal rechargeable battery (not shown) 7305P series only
Carrying case (not shown) 7305P series only



Set Up Instructions:

1. Ensure that lid and filter cartridge are securely attached to the container.
2. Connect either end of the 4" long tubing from the filter cartridge (#10 above) to the tubing connector on the machine.
3. The 6' long patient tubing should be connected to the container lid at the outlet labelled "Patient".
4. Please assure that all connections are secure and without leaks before using.
5. Verify that the unit is at the desired suction level before beginning patient suction (about 100mmHg or halfway of the gauge). Adjust the regulation setting by turning the vacuum regulator knob clockwise to increase suction (counter clockwise to decrease the suction).

How to operate your portable suction unit:

Before connecting the unit to the AC adapter or accessory 12V DC cord, make sure that the power switch located on the side of the unit is in the "OFF" position. The suction unit has three power source options:

1. *AC Operation* - Plug the small connector of the AC adapter into the DC power input located on the side of the unit. Plug the AC end into a grounded wall outlet.
2. *12V DC Operation* - (Such as a car cigarette lighter.) Plug the small connector of the DC power cord into the DC power input on the side of the suction unit. Plug the large connector into the 12V DC power receptacle of the vehicle.
3. *Internal Battery* - With the battery fully charged use normally.

LED Explanations:

- L1-Green: External power supplied to the unit from AC power source or DC cord. Illuminated when external power is supplied.
- L2-Yellow: Battery is being charged. Light will go out when the battery is fully charged. When the battery nears a full charge, this LED may flash on and off for several minutes. This is normal.
- L3-Red: Low battery. Seek other power source and charge the battery as soon as possible.

NOTE: A discharged battery will require 10-17 hours of charging to reach full capacity.

Adjusting Suction:

Adjust the vacuum level from 80 to 550 mmHg by turning the vacuum regulator knob located on the side of the unit clockwise to increase vacuum or counter-clockwise to decrease vacuum. The desired level of vacuum can be set by using the gauge located on the top of the unit near the handle. To accurately read the gauge, block the patient end of the hose or cap off the collection bottle and allow the gauge to reach a stable vacuum reading.

Note: Gauge is for reference only. If the unit suffers a severe drop, validity of the gauge must be checked.

Cleaning Instructions/ Maintenance

Collection Bottle: Wash in a hot water/dishwashing detergent solution and rinse with clean, hot tap water. Then wash in one part vinegar to three parts hot water solution. Rinse with hot tap water and air dry.

Suction Unit: With the switch in the "OFF" position, disconnect the suction unit from ALL external power sources. Wipe the housing with a clean cloth and any commercial (bacterial/germicidal) disinfectant.

Tubing: Disconnect the tubing from the unit. Tubing must be rinsed with water after every use. Once a week, soak in a solution of one part vinegar to three parts hot water for 20 minutes. Rinse with hot tap water and air dry. Keep the outer surface of the tubing clean by wiping with a clean, damp cloth.

Filter Changing: Change the bacteria filter if an overflow occurs or every two months, whichever comes first. Remove the filter by disconnecting it from the suction unit and lid assembly. Replace it with a clean filter. DO NOT substitute the bacteria filter with any other material. This may lead to contamination and poor performance.

Trouble Shooting:

PROBLEM	ACTION
Unit does not turn on	<ol style="list-style-type: none">1. Check power sources and connections2. Ensure wall outlet is live by plugging in a lamp3. If running from an internal battery, ensure the unit has a battery installed4. If battery is installed, check if fully charged
Pump runs, but there is no vacuum	<ol style="list-style-type: none">1. Check that all tubing is connected properly2. Check tubing connections for breaks or leaks3. Check for leaks or cracks in the container assembly4. Ensure that float shut-off is not activated
Low vacuum	<ol style="list-style-type: none">1. Check system for leaks2. Use vacuum regulator knob to increase vacuum level
Battery will not charge	<ol style="list-style-type: none">1. Verify that charge light turns on2. Check electrical connections during charging3. Ensure wall outlet is live by plugging in a lamp

To reduce the risk of electrocution:

1. Do not use while bathing.
2. Do not place or store product where it can fall or be pulled into a tub or sink.
3. Do not place in or drop into water or other liquid.
4. Do not reach for a product that has fallen into water. Unplug immediately.

Inspection before using:

1. Ensure all the tubing is clear of debris to allow proper airflow and inspect canister for cracks or other damage. Either will result in leakage or poor suction.
2. Be sure the jar lid and lid caps fit tightly on the jar to avoid any spillage of fluid.
3. Turn the suction machine on and check the connections of all tubing and the canister for air leaks.
4. Check accuracy of gauge by blocking patient's tubing end or seal collection bottle. Allow gauge to reach the prescribed stable vacuum reading. Adjust the pressure regulator if necessary.
5. Check status of internal battery to ensure it is fully charged. A discharged battery requires 10-17 hours to fully charge.
6. Ensure unit is placed on a level, flat surface to reduce possibility of tipping or falling.

Helpful Hints:

- Clean tubing after every use. Run water through the tubing. Once a week, soak in a solution of one part vinegar to three parts hot water for 20 minutes. Rinse with hot tap water and air dry. Rinse with hot water and air dry.
- Use only the vacuum setting directed by the physician or qualified health care professional. A higher setting may lead to a life threatening situation.
- Change the bacteria filter if overflow occurs. Maintaining the filter prevents foreign materials from entering the device, contamination, and poor performance.
- Do not move the device if the collection jar is full. Remove the jar carefully.
- Ensure tubing is securely inserted to avoid possible slippage or leakage.

Service Center:

A qualified technician must perform all compressor maintenance and repair. Should your compressor malfunction, service may be obtained by calling the Home Care Equipment Branch at 204-945-8611 or 1-877-632-7867, Monday - Friday between 8 am and 4 pm.

Terms and Conditions:

- a) The equipment is the property of the Province of Manitoba and has been loaned to you based on a prescription signed by or under the authorization of a health care professional. Accordingly, the equipment remains the property of the Province of Manitoba throughout the time it is in your possession.
- b) Any intentional damage or loss of the equipment shall require compensation to the Province of Manitoba in that regard.

- c) You agree that a medical equipment technician from the Province of Manitoba may enter your home periodically to check, repair or adjust the equipment as needed. A Medical Equipment Technician will contact you to arrange the home visit.
- d) You are responsible for returning the equipment in good condition when no longer required or upon request.

Important Safeguards

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

SAVE THESE INSTRUCTIONS

DANGER - To reduce the risk of electrocution:

1. Always unplug this product immediately after using.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

WARNING - To reduce the risk of burns, electrocution or fire or injury to persons:

1. Never leave this product unattended when plugged in.
2. Close supervision is necessary when this product is used by, on or near children or invalids.
3. Use this product only for its intended use as described in the operator manual. Do not use attachments not recommended by the manufacturer.
4. Never operate this product if it has a damaged power cord or plug, not working properly, has been dropped, damaged or dropped into water. Return the product to a service center for examination and repair.
5. Keep the power cord away from heated surfaces.
6. Never block the air openings of the device or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.
7. Never drop or insert any object into any opening or hose.
8. Never use while sleeping or drowsy.
9. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
10. Connect this product to a properly grounded outlet only. See Grounding Instructions

CAUTION - Risk of electrical shock. Do not disassemble. Refer servicing to qualified personnel.

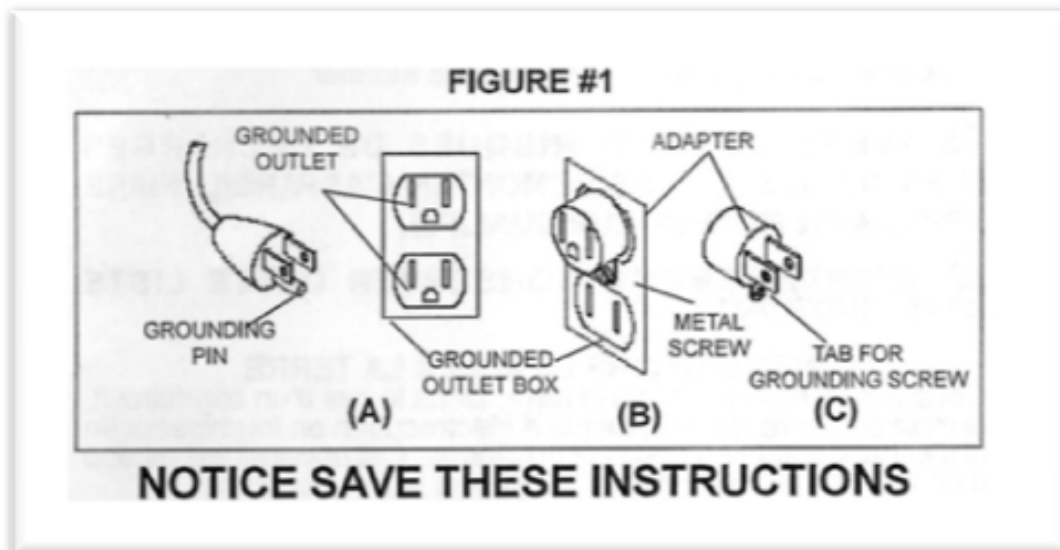
GROUNDING INSTRUCTIONS

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly grounded.

Important Safeguards

DANGER - Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to flat blade terminal. The wire with insulation having an outer surface that is green, with or without yellow stripes, is the grounding wire.



Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

This product is for use on a nominal 120 V circuit and has a grounding plug that looks like the plug illustrated in (Fig A) above in Figure #1. A temporary adapter, which looks like the adapter in (Fig B and C) may be used to connect this plug to a 2-pole receptacle as shown in (Fig B), if a properly grounded outlet is not available. The temporary adapter should be used only until a qualified electrician can install a properly grounded outlet, (Fig A) can be installed by a qualified electrician. The green colored rigid ear, tab, etc. extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a screw.

EXTENSION CORDS – If necessary to use an extension cord, use only a 3-wire extension cord that has a three-blade grounding plug, and a 3-slot receptacle that will accept the plug on the product. Make certain your extension cord is in good condition. Make certain your extension cord wire size is not less than 18 gauge for 25 feet, 16 gauge for 50 feet, and 14 gauge for 100 feet.